

ABSTRACT

Disclosed are a lubricant composition
obtained by adding a buffer particles having an
5 average particle diameter D_1 of $50\mu\text{m} < D_1 \leq 300$
 μm to a lubricant, a speed reduction gear filled
with the lubricant composition, and an electric
power steering apparatus having the speed
reduction gear incorporated therein, and noise
10 produced in the speed reduction gear can be made
lower than ever before irrespective of the
magnitude of backlash in a case where a worm and
a worm wheel are combined with each other and
without complicating the configuration of the
15 speed reduction gear by the buffer action of the
buffer particles added to the lubricant
composition, thereby making it possible to reduce
noise produced in an automobile caused by the
electric power steering apparatus at low cost.